

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of using a mobile terminal (MT) for synchronizing uplink signals in ~~a communication system which supports base station (BS) / mobile terminal (MT) wireless bi-directional communications that use via the utilization of~~ a time frame format having sequentially identified system time frames, the method comprising:

receiving communication data ~~from a BS~~ within system time frames including a TA signal which include TA data and a Connect Frame Number (CFN) specifying a specific frame for effectuating a timing adjustment; and

adjusting ~~the timing of~~ uplink transmission timing ~~transmissions~~ of the MT in response to TA data in the received TA signal commencing in the time frame specified in the CFN of the received TA signal.

2. (Currently Amended) A mobile terminal (MT) ~~for a communication system~~ which supports base station (BS) / mobile terminal (MT) wireless bi-directional communications via the utilization of a time frame format having sequentially identified system time frames ~~where BSs transmit selectively~~

~~formatted communication data to MTs within system time frames~~, the mobile terminal (MT) comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive communication data ~~from a BS~~ within system time frames including timing advance (TA) signals which include TA data and a Connect Frame Number (CFN) specifying a specific frame for effectuating a timing adjustment ~~by the selected MT~~;

said transmitter configured to transmit selectively formatted communication data ~~to a BS~~ within system time frames synchronized by said processor; and

said MT processor configured to adjust transmission timing ~~the timing of the transmissions~~ of said transmitter ~~MT processor~~ in response to TA data in a received TA signal commencing in the time frame specified in the CFN of the received TA signal.

3. (New) A mobile terminal comprising:

a receiver, a transmitter and an associated processor;

said receiver configured to receive wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment;

said transmitter configured to transmit selectively formatted wireless communication signals within sequentially identified time frames synchronized by said processor; and

said processor configured to adjust transmission timing of said transmitter in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.

4. (New) A method for synchronizing wireless communication signals by a mobile terminal comprising:

receiving wireless communication signals within sequentially identified time frames including timing advance signals which include timing advance data and a Connect Frame Number specifying a specific frame for effectuating a timing adjustment; and

adjusting the timing of wireless communication signal transmissions of the mobile terminal in response to timing advance data in a received timing advance signal commencing in the time frame specified in the Connect Frame Number of the received timing advance signal.